



Section C

Advanced Reactors Transition

PROJECT MANAGERS

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INTRODUCTION

The Advanced Reactor Transition (ART) Program, PBS RL-RC03, Work Breakdown Structure (WBS) 3.1.3, consists of the Nuclear Energy (NE) Legacies and the 309 Building/Plutonium Recycle Test Reactor (PRTR) activities.

NOTE: Unless otherwise noted, all information contained herein is as of the end of April 2002.

NOTABLE ACCOMPLISHMENTS

NE Legacies Deactivation:

All sodium pipe including the Sodium Heater (HTR-300) and Heat Exchanger (HE-300) piping has been cut into appropriate lengths for disposal. The sodium piping was moved from the high bay basement and 3718M. The piping is staged on the main level of 337B for packaging and eventual shipment to an offsite disposal facility.

The work instruction for the removal of the Sodium Purification and Characterization System Cold Trap has been approved and signed off. The cold trap removal task is expected to begin in late May.

The water/oil heat exchanger was removed from room 101 and disassembled.

The caustic materials from the demineralized water system were packaged and prepared for disposal. The packaging consisted of one 30-gallon drum of liquid and one 30-gallon drum of solids. Regulatory Compliance is preparing the paperwork for shipment of the two drums.

A draft of scope and requirements for the solicitation of bids for cleaning sodium residues from 3718M and Composite Reactor Components Test Activity (CRCTA) tanks was completed and is in review.

BREAKTHROUGHS / OPPORTUNITIES FOR IMPROVEMENT

No breakthroughs or opportunities for improvement are identified at this time.

UPCOMING ACTIVITIES

Shutdown the 309 Building — To minimize Surveillance and Maintenance (S&M) costs while aligning with the 300 Area Accelerated Closure Plan, 1) the office wing roofs will be repaired, and 2) the building will be secured to minimize intrusion, pending resumption of deactivation activities in 2009.

NE Legacies Deactivation — Place a contract for cleaning sodium residue from 3718M and CRCTA tanks.

MILESTONE ACHIEVEMENT

FH Contract Milestones

There are no ART Milestones.

PERFORMANCE OBJECTIVES

Nothing to report at this time.

FY 2002 SCHEDULE / COST PERFORMANCE – ALL FUND TYPES

FY TO DATE STATUS – (\$000)

By PBS		BCWS	BCWP	ACWP	SV	%	CV	%	BAC
PBS RL-RC03	Advanced Reactors Transition								
WBS 3.1.3.1	NE Legacy Facilities Transition	\$ 692	\$ 691	\$ 550	\$ (1)	0%	\$ 141	20%	\$ 1,467
WBS 3.1.3.2	PRTR/309 Building Transition	\$ 123	\$ 168	\$ 98	45	37%	70	42%	\$ 221
WBS 3.1.3.3	ART Project Management	\$ 118	\$ 118	\$ 79	\$ (0)	0%	\$ 39	33%	\$ 188
Total		\$ 932	\$ 977	\$ 727	\$ 45	5%	\$ 250	26%	\$ 1,876

FY TO DATE SCHEDULE / COST PERFORMANCE

The \$0.04 million (5 percent) favorable schedule variance was due to better than planned progress this fiscal year on the 309 Building transition to shutdown activities.

The \$0.25 million (26 percent) favorable cost variance is primarily due to better than planned progress in the NE Legacies sodium loop deactivation work and 309 Building transition to shutdown activities.

For all active sub-PBSs and TTPs associated with the Operations/Field Office, FYTD Cost and Schedule variances exceeding + / - 10 percent or one million dollars require submission of narratives to explain the variance.

Schedule Variance Analysis: (+\$0.04M)

Advanced Reactor Transition — 3.1.3/RC03

Description/Cause: The favorable schedule variance is primarily due to better than planned progress this fiscal year on the 309 Building transition to shutdown activities.

Impact: There is no significant project impact at this time.

Corrective Action: None required.

Cost Variance Analysis: (+\$0.25M)

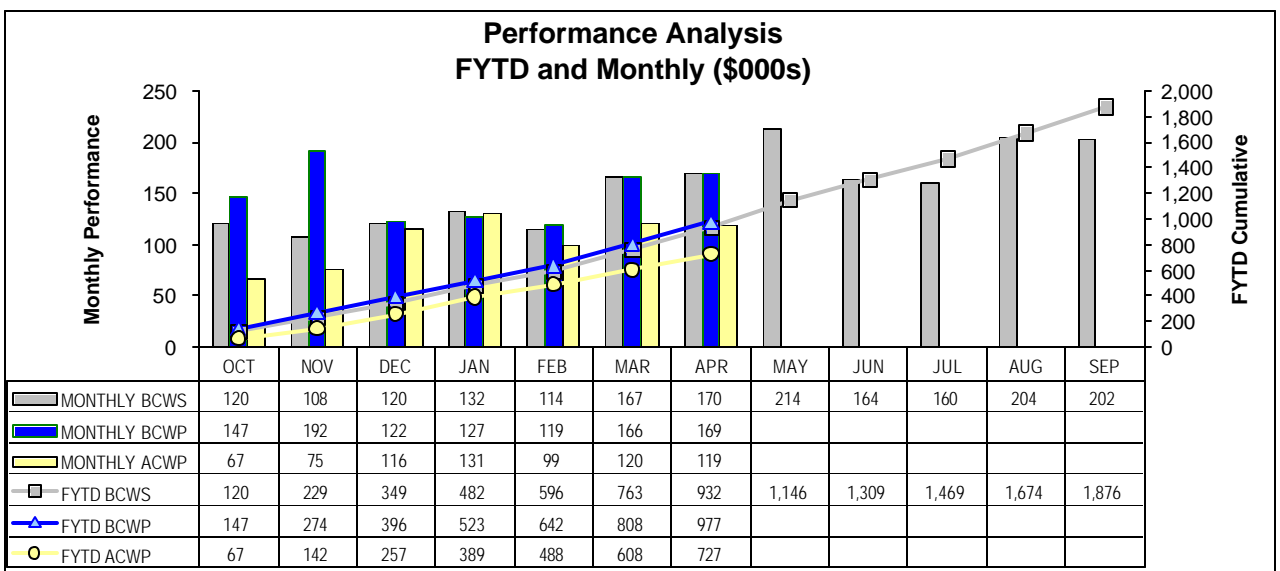
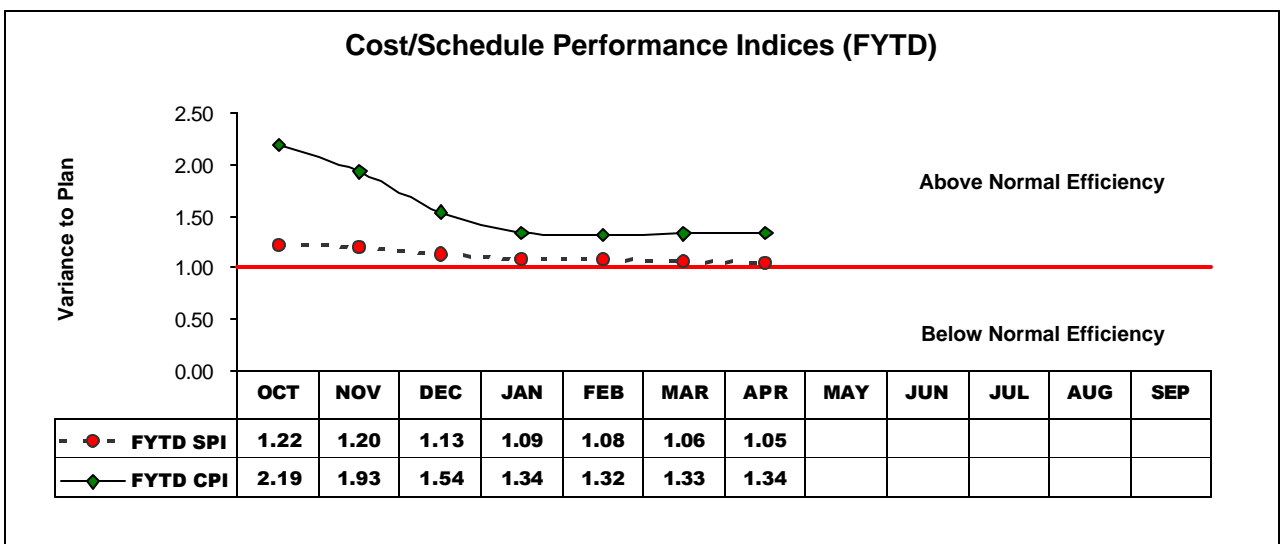
Advanced Reactor Transition — 3.1.3/RC03

Description/Cause: The favorable cost variance is primarily due to performing the NE Legacies sodium loop deactivation work and 309 Building transition to shutdown activities for less than planned.

Impact: There is no significant project impact at this time.

Corrective Action: None required.

COST / SCHEDULE PERFORMANCE (MONTHLY AND FYTD)



FUNDS MANAGEMENT

FYTD FUNDS VS SPENDING FORECAST (\$000)

	FH Funds Reallocation	FYSF	Variance
3.1.3 Advanced Reactor Transition			
RC03 - EM (Other Funding)	\$ 2,285	\$ 1,528	\$ 757
Total	\$ 2,285	\$ 1,528	\$ 757

NOTES: FH reallocation reflects an FYSF adjusted for scope deletions, deferrals, and identified savings to address funding shortfalls, additional unplanned scope, and cost increases.

ISSUES

Technical, Regulatory, External, and DOE Issues and DOE Requests

Issue: Nothing to report at this time.

Impacts: None.

Corrective Action: None at this time.

BASELINE CHANGE REQUESTS CURRENTLY IN PROCESS

None to report.